

	L #	Hits	Search Text	DBs	Time Stamp
1	L167	0	array near2 laser same lens same beam adj2 shifter	USPA T; US-P GPUB ; EPO; JPO	2004/09/1 8 15:21
2	L168	8	array near2 laser and lens and beam adj2 shifter	USPA T; US-P GPUB ; EPO; JPO	2004/09/1 8 15:23
3	L171	183	array near2 laser same lens same crystal	USPA T; US-P GPUB ; EPO; JPO	2004/09/1 8 15:24
4	L172	92	array near2 laser same lens same crystal and fiber	USPA T; US-P GPUB ; EPO; JPO	2004/09/1 8 15:24
5	L173	5	array near2 laser same lens same crystal with (movable or moveable or rotat\$4)	USPA T; US-P GPUB ; EPO; JPO	2004/09/1 8 16:07
6	L186	19	array near2 laser same lens same prism with (movable or moveable or rotat\$4)	USPA T; US-P GPUB ; EPO; JPO	2004/09/1 8 16:25
7	L187	3	("4736231" "4905216" "5032879").PN.	USPA T	2004/09/1 8 16:12
8	L194	56	array near2 laser same lens same steer\$4 with (movable or moveable or rotat\$4)	USPA T; US-P GPUB ; EPO; JPO	2004/09/1 8 16:20

	L #	Hits	Search Text	DBs	Time Stamp
9	L201	137	array near2 laser and lens same prism with (movable or moveable or rotat\$4)	USPA T; US-P GPUB ; EPO; JPO	2004/09/1 8 16:25
10	L202	118	1201 not 1186	USPA T; US-P GPUB ; EPO; JPO	2004/09/1 8 16:26
11	L205	112	1201 not 1186 not 1194	USPA T; US-P GPUB ; EPO; JPO	2004/09/1 8 16:54
12	L208	1	mirror same solid adj2 high adj2 index same rotat\$4	USPA T; US-P GPUB ; EPO; JPO	2004/09/1 8 16:56
13	L209	43	mirror same high adj2 index same rotat\$4	USPA T; US-P GPUB ; EPO; JPO	2004/09/1 8 17:06
14	L210	3710	mirror same shift\$4 same rotat\$4	USPA T; US-P GPUB ; EPO; JPO	2004/09/1 8 17:06
15	L211	19830	mirror same shift\$4 rotat\$4 same laser near2 array	USPA T; US-P GPUB ; EPO; JPO	2004/09/1 8 17:07

	L #	Hits	Search Text	DBs	Time Stamp
16	L212	19	mirror same shift\$4 same rotat\$4 same laser near2 array	USPA T; US-P GPUB ; EPO; JPO	2004/09/1 8 17:08
17	L213	122	mirror same rotat\$4 same laser near2 array same lens and shift\$4	USPA T; US-P GPUB ; EPO; JPO	2004/09/1 8 17:09

	Hits	Search Text	DBs	Time Stamp
1	1	"20020085594"	USPAT; US-PGPUB; EPO; JPO	2004/07/22 14:32
2	22	(("4,317,611") or ("4,359,773") or ("4,498,730") or ("5,136,598") or ("5,274,489") or ("5,283,796") or ("5,291,502") or ("5,378,330") or ("5,379,310") or ("5,420,416") or ("5,468,975") or ("5,504,609") or ("5,519,487") or ("5,550,850") or ("5,612,968") or ("5,629,790") or ("5,771,253") or ("5,777,763") or ("5,748,859") or ("5,825,792") or ("5,882,468") or ("5,930,045")) .PN.	USPAT; US-PGPUB; EPO; JPO	2004/07/22 14:33
3	18	(("5,949,544") or ("5953359") or ("5,977,567") or ("5,949,303") or ("5,999,545") or ("6,049,554") or ("6,078,394") or ("6,091,537") or ("6,133,615") or ("6,175,668") or ("6201629") or ("6,212,151") or ("6,256,328") or ("6,275,315") or ("6,316,764") or ("6,327,063") or ("6,350,064") or ("6,352,376")) .PN. or ((2001/0917876) or (2001/0036206) or (2001/0050928)) .CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/07/22 14:36
4	1	"20020076480"	USPAT; US-PGPUB; EPO; JPO	2004/07/22 14:44
5	20	(("3,924,937") or ("4,820899") or ("5,699,589") or ("6,183,092") or ("5,825,386") or ("5,650,612") or ("5,808,986") or ("6,121,983") or ("5,228,050") or ("6,434,291") or ("6,445,514") or ("6411424") or ("5,491,576") or ("5,959,750") or ("5,993,544") or ("6,227,724") or ("6,275,317") or ("6,483,969") or ("6,516,017") or ("6,522,793")) .PN.	USPAT; US-PGPUB; EPO; JPO	2004/07/22 14:46
6	1	"20020064192"	USPAT; US-PGPUB; EPO; JPO	2004/07/22 14:47

	Hits	Search Text	DBs	Time Stamp
7	62	"20020085594" or (((("4,317,611") or ("4,359,773") or ("4,498,730") or ("5,136,598") or ("5,274,489") or ("5,283,796") or ("5,291,502") or ("5,378,330") or ("5,379,310") or ("5,420,416") or ("5,468,975") or ("5,504,609") or ("5,519,487") or ("5,550,850") or ("5,612,968") or ("5,629,790") or ("5,771,253") or ("5,777,763") or ("5,748,859") or ("5,825,792") or ("5,882,468") or ("5,930,045"))).PN.) or (((("5,949,544") or ("5953359") or ("5,977,567") or ("5,949,303") or ("5,999,545") or ("6,049,554") or ("6,078,394") or ("6,091,537") or ("6,133,615") or ("6,175,668") or ("6201629") or ("6,212,151") or ("6,256,328") or ("6,275,315") or ("6,316,764") or ("6,327,063") or ("6,350,064") or ("6,352,376"))).PN. or ((2001/0917876) or (2001/0036206) or (2001/0050928)).CCLS.) or "20020076480" or	USPAT; US-PGPUB; EPO; JPO	2004/07/22 14:48

	Hits	Search Text	DBs	Time Stamp
8	27	("20020085594" or (((("4,317,611") or ("4,359,773") or ("4,498,730") or ("5,136,598") or ("5,274,489") or ("5,283,796") or ("5,291,502") or ("5,378,330") or ("5,379,310") or ("5,420,416") or ("5,468,975") or ("5,504,609") or ("5,519,487") or ("5,550,850") or ("5,612,968") or ("5,629,790") or ("5,771,253") or ("5,777,763") or ("5,748,859") or ("5,825,792") or ("5,882,468") or ("5,930,045"))).PN.) or (((("5,949,544") or ("5953359") or ("5,977,567") or ("5,949,303") or ("5,999,545") or ("6,049,554") or ("6,078,394") or ("6,091,537") or ("6,133,615") or ("6,175,668") or ("6201629") or ("6,212,151") or ("6,256,328") or ("6,275,315") or ("6,316,764") or ("6,327,063") or ("6,350,064") or ("6,352,376"))).PN. or ((2001/0917876) or (2001/0036206) or (2001/0050928)).CCLS.) or "20020076480" or	USPAT; US-PGPUB; EPO; JPO	2004/07/22 15:21
9	45	(laser or diode) adj2 array with (MEM or micro adj (mechanical or electro or electromechanical))	USPAT; US-PGPUB; EPO; JPO	2004/07/22 15:34
10	118	(laser or diode) adj2 array same (MEM or micro adj (mechanical or electro or electromechanical))	USPAT; US-PGPUB; EPO; JPO	2004/07/22 15:34
11	73	((laser or diode) adj2 array same (MEM or micro adj (mechanical or electro or electromechanical))) not ((laser or diode) adj2 array with (MEM or micro adj (mechanical or electro or electromechanical)))	USPAT; US-PGPUB; EPO; JPO	2004/07/23 09:59

	Hits	Search Text	DBs	Time Stamp
12	73	((laser or diode) adj2 array same (MEM or micro adj (mechanical or electro or electromechanical))) not ((laser or diode) adj2 array with (MEM or micro adj (mechanical or electro or electromechanical)))) not ("20020085594" or (("4,317,611") or ("4,359,773") or ("4,498,730") or ("5,136,598") or ("5,274,489") or ("5,283,796") or ("5,291,502") or ("5,378,330") or ("5,379,310") or ("5,420,416") or ("5,468,975") or ("5,504,609") or ("5,519,487") or ("5,550,850") or ("5,612,968") or ("5,629,790") or ("5,771,253") or ("5,777,763") or ("5,748,859") or ("5,825,792") or ("5,882,468") or ("5,930,045"))).PN.) or (("5,949,544") or ("5953359") or ("5,977,567") or ("5,949,303") or ("5,999,545") or ("6,049,554") or ("6,078,394") or ("6,091,537") or ("6,133,615") or ("6,175,668") or ("6201629") or ("6,212,151") or	USPAT; US-PGPUB; EPO; JPO	2004/07/22 16:21
13	124355	laser adj2 array same spatial ddj2 modulator	USPAT; US-PGPUB; EPO; JPO	2004/07/22 16:21
14	107	laser adj2 array same spatial adj2 modulator	USPAT; US-PGPUB; EPO; JPO	2004/07/22 16:35
15	362	laser adj2 array same pixel	USPAT; US-PGPUB; EPO; JPO	2004/07/22 16:35
16	212	laser adj2 array with pixel	USPAT; US-PGPUB; EPO; JPO	2004/07/22 16:44
17	89	laser adj2 array with pixel same lens	USPAT; US-PGPUB; EPO; JPO	2004/07/22 16:48
18	42	laser adj2 array same mirror adj2 array	USPAT; US-PGPUB; EPO; JPO	2004/07/22 16:55
19	1	5,168,401.pn.	USPAT; US-PGPUB; EPO; JPO	2004/07/22 16:56
20	2050	(laser or diode) adj2 array same (mirror adj2 array or set)	USPAT; US-PGPUB; EPO; JPO	2004/07/23 09:56
21	9	(laser or diode) adj2 array same mirror adj2 set	USPAT; US-PGPUB; EPO; JPO	2004/07/23 09:56
22	23	laser adj2 array and spatial adj modulator and pixel	USPAT; US-PGPUB; EPO; JPO	2004/07/23 10:03

	Hits	Search Text	DBs	Time Stamp
23	15	laser adj2 array and spatial adj modulator and grating	USPAT; US-PGPUB; EPO; JPO	2004/07/23 10:04
24	33	laser adj2 array and spatial adj modulator and lens	USPAT; US-PGPUB; EPO; JPO	2004/07/23 10:08
25	241	laser adj2 array and mem	USPAT; US-PGPUB; EPO; JPO	2004/07/23 10:08
26	115	laser adj2 array and mem same mirror	USPAT; US-PGPUB; EPO; JPO	2004/07/23 10:09
27	0	menefee.xa and mems	USPAT; US-PGPUB; EPO; JPO	2004/07/23 10:09
28	5	menefee.xa. and mems	USPAT; US-PGPUB; EPO; JPO	2004/07/23 11:49
29	9	("5420416" "5612968" "5870518" "5903687" "5923462" "5937117" "6385364" "6396976" "6404942").PN.	USPAT	2004/07/23 10:10
30	1	6121983.pn. and (laser or mirror) adj2 array	USPAT; US-PGPUB; EPO; JPO	2004/07/23 11:50
31	1	6121983.pn. and (laser or mirror) near2 array	USPAT; US-PGPUB; EPO; JPO	2004/07/23 14:23
32	156	laser adj2 array same lens same prism	USPAT; US-PGPUB; EPO; JPO	2004/07/23 17:18
33	7	laser adj2 array same lens same (EO or AO)	USPAT; US-PGPUB; EPO; JPO	2004/07/23 15:21
34	23	laser adj2 array same lens same (electro or acousto) adj optic	USPAT; US-PGPUB; EPO; JPO	2004/07/23 15:45
35	118	menefee.xa.	USPAT; US-PGPUB; EPO; JPO	2004/07/23 15:46
36	0	menefee.xa. and pentaprism	USPAT; US-PGPUB; EPO; JPO	2004/07/23 15:46
37	24	menefee.xa. and prism	USPAT; US-PGPUB; EPO; JPO	2004/07/23 15:46
38	1	5578832.pn.	USPAT; US-PGPUB; EPO; JPO	2004/07/23 17:23
39	22	laser adj2 array same grating near array	USPAT; US-PGPUB; EPO; JPO	2004/07/23 17:36
40	524	laser adj2 array same grating	USPAT; US-PGPUB; EPO; JPO	2004/07/23 17:36
41	316	laser adj2 array with grating	USPAT; US-PGPUB; EPO; JPO	2004/07/23 17:37
42	34	laser adj2 array with grating same coupler	USPAT; US-PGPUB; EPO; JPO	2004/07/23 17:51
43	12	laser adj2 array with AWG	USPAT; US-PGPUB; EPO; JPO	2004/07/23 17:51
44	5	(laser adj2 array same AWG) not (laser adj2 array with AWG)	USPAT; US-PGPUB; EPO; JPO	2004/07/23 17:51
45	80	laser adj2 array same array\$2 adj2 grating	USPAT; US-PGPUB; EPO; JPO	2004/07/23 18:12

	Hits	Search Text	DBs	Time Stamp
46	1	"20030103516"	USPAT; US-PGPUB; EPO; JPO	2004/07/23 18:14
47	93	laser adj2 array same (AWG or waveguide adj2 grating)	USPAT; US-PGPUB; EPO; JPO	2004/07/23 18:41
48	60	((laser adj2 array same (AWG or waveguide adj2 grating)) not (laser adj2 array same array\$2 adj2 grating))	USPAT; US-PGPUB; EPO; JPO	2004/07/23 18:15
49	57	((laser adj2 array same (AWG or waveguide adj2 grating)) not (laser adj2 array same array\$2 adj2 grating)) not (laser adj2 array same AWG)	USPAT; US-PGPUB; EPO; JPO	2004/07/23 18:41
50	11	laser adj2 array with electroabsorption adj2 modulator	USPAT; US-PGPUB; EPO; JPO	2004/07/23 18:29
51	74	laser adj2 array and electroabsorption adj2 modulator	USPAT; US-PGPUB; EPO; JPO	2004/07/23 18:30
52	63	((laser adj2 array and electroabsorption adj2 modulator) not (laser adj2 array with electroabsorption adj2 modulator))	USPAT; US-PGPUB; EPO; JPO	2004/07/23 18:39
53	17	laser adj2 array same AWG	USPAT; US-PGPUB; EPO; JPO	2004/07/23 18:40
54	57	((laser adj2 array same (AWG or waveguide adj2 grating)) not (laser adj2 array same array\$2 adj2 grating)) not (laser adj2 array same AWG)	USPAT; US-PGPUB; EPO; JPO	2004/07/23 18:41
55	310	laser adj2 array and (AWG or waveguide adj2 grating)	USPAT; US-PGPUB; EPO; JPO	2004/07/23 18:52
56	22	((laser or VCSEL) adj2 array with (array\$2 adj waveguide adj2 grating))	USPAT; US-PGPUB; EPO; JPO	2004/07/24 13:29
57	14	((laser or VCSEL) adj2 array with (array\$2 adj waveguide adj2 grating) and modulator)	USPAT; US-PGPUB; EPO; JPO	2004/07/24 13:30
58	1	sliding adj2 waveguide with laser adj2 array	USPAT; US-PGPUB; EPO; JPO	2004/07/24 14:32
59	19	sweep adj2 generator adj2 waveform	USPAT; US-PGPUB; EPO; JPO	2004/09/15 17:12
60	294	sweep adj2 generator with waveform	USPAT; US-PGPUB; EPO; JPO	2004/09/15 17:12
61	219	sweep adj generator with waveform	USPAT; US-PGPUB; EPO; JPO	2004/09/15 17:12
62	3	sweep adj generator with waveform same mechanical\$4	USPAT; US-PGPUB; EPO; JPO	2004/09/15 17:13
63	36	mirror adj2 array with spring	USPAT; US-PGPUB; EPO; JPO	2004/09/15 17:14

	Hits	Search Text	DBs	Time Stamp
64	0	mirror adj2 array with spring and laser adj2 array	USPAT; US-PGPUB; EPO; JPO	2004/09/15 17:14
65	17	mirror adj2 array with spring and laser	USPAT; US-PGPUB; EPO; JPO	2004/09/15 17:17
66	1	US-20020003234-A1.DID. not (US-20020153528-A1.DID. and (clad\$4 same ridge same (current adj2 (blocking confin\$4 or restrict\$4)) and width and (mask or film) and (current adj2 (blocking confin\$4 or restrict\$4)) with (GaN or AlGaN or InGaN or nitride)))	USPAT; US-PGPUB; EPO; JPO	2004/09/15 17:18
67	1	US-20020003234-A1.DID. not (US-20020153528-A1.DID. and (clad\$4 same ridge same (current adj2 (blocking confin\$4 or restrict\$4)) and width and (mask or film) and (current adj2 (blocking confin\$4 or restrict\$4)) with (GaN or AlGaN or InGaN or nitride)))	USPAT; US-PGPUB; EPO; JPO	2004/09/15 17:18
68	25	mirror near2 array with spring and laser	USPAT; US-PGPUB; EPO; JPO	2004/09/15 17:24
69	863	actuator same spring same mirror	USPAT; US-PGPUB; EPO; JPO	2004/09/15 17:24
70	16	actuator same spring same mirror and laser near2 array	USPAT; US-PGPUB; EPO; JPO	2004/09/15 17:58
71	43	laser near2 array same MEM	USPAT; US-PGPUB; EPO; JPO	2004/09/15 18:00
72	12	laser near2 array same MEM near2 mirror	USPAT; US-PGPUB; EPO; JPO	2004/09/15 18:05
73	21	laser near2 array same (movable or moveable or adjustable) adj2 mirror	USPAT; US-PGPUB; EPO; JPO	2004/09/15 18:26
74	255	laser near2 array same (movable or moveable or adjustable or alignable or rotat\$4) near2 (mirror or reflector)	USPAT; US-PGPUB; EPO; JPO	2004/09/15 18:27
75	234	(laser near2 array same (movable or moveable or adjustable or alignable or rotat\$4) near2 (mirror or reflector)) not (laser near2 array same (movable or moveable or adjustable) adj2 mirror)	USPAT; US-PGPUB; EPO; JPO	2004/09/15 18:28

	Hits	Search Text	DBs	Time Stamp
76	198	((laser near2 array same (movable or moveable or adjustable or alignable or rotat\$4) near2 (mirror or reflector)) not (laser near2 array same (movable or moveable or adjustable) adj2 mirror)) and lens	USPAT; US-PGPUB; EPO; JPO	2004/09/17 09:55
77	105	(laser near2 array same (movable or moveable or adjustable or alignable or rotat\$4) near2 (mirror or reflector)) and lens with output	USPAT; US-PGPUB; EPO; JPO	2004/09/17 16:38
78	9	farmer-jason\$.in.	USPAT; US-PGPUB; EPO; JPO	2004/09/17 10:35
79	133	menefee.xa.	USPAT; US-PGPUB; EPO; JPO	2004/09/17 10:36
80	1246	roof adj prism	USPAT; US-PGPUB; EPO; JPO	2004/09/17 10:36
81	167	laser near2 array same (movable or moveable or rotat\$4 or adjustable) adj2 (mirror or grating)	USPAT; US-PGPUB; EPO; JPO	2004/09/17 14:01
82	133	laser near2 array same (movable or moveable or rotat\$4 or adjustable) adj2 (mirror or grating) and lens	USPAT; US-PGPUB; EPO; JPO	2004/09/17 13:23
83	38	laser near2 array same (movable or moveable or rotat\$4 or adjustable) adj2 (mirror or grating) and lens and fiber	USPAT; US-PGPUB; EPO; JPO	2004/09/17 13:29
84	37	(laser near2 array same (movable or moveable or rotat\$4 or adjustable) adj2 (mirror or grating) and lens and fiber) not (5521748.PN. and (((laser near2 array same (movable or moveable or adjustable or alignable or rotat\$4) near2 (mirror or reflector)) not (laser near2 array same (movable or moveable or adjustable) adj2 mirror)) and lens))	USPAT; US-PGPUB; EPO; JPO	2004/09/17 13:30

	Hits	Search Text	DBs	Time Stamp
85	0	(laser near2 array same (movable or moveable or rotat\$4 or adjustable) adj2 (mirror or grating) and lens and fiber) not (laser near2 array same (movable or moveable or rotat\$4 or adjustable) adj2 (mirror or grating) and lens)	USPAT; US-PGPUB; EPO; JPO	2004/09/17 13:30
86	95	(laser near2 array same (movable or moveable or rotat\$4 or adjustable) adj2 (mirror or grating) and lens) not (laser near2 array same (movable or moveable or rotat\$4 or adjustable) adj2 (mirror or grating) and lens and fiber)	USPAT; US-PGPUB; EPO; JPO	2004/09/17 14:00
87	5	farmer-jason\$.in. and (movable or moveable or rotat\$4 or adjustable)	USPAT; US-PGPUB; EPO; JPO	2004/09/17 14:01
88	0	5773345.pn. and (rotat\$4 or movable or moveable or turn\$4 or adjust\$4) with ("119" or "52" or "121" or "123")	USPAT; US-PGPUB; EPO; JPO	2004/09/17 14:14
89	0	5773345.pn. and (rotat\$4 or movable or moveable or turn\$4 or adjust\$4)	USPAT; US-PGPUB; EPO; JPO	2004/09/17 14:12
90	1	5773345.pn. and ("119" or "52" or "121" or "123")	USPAT; US-PGPUB; EPO; JPO	2004/09/17 15:24
91	18	4,494,235	USPAT; US-PGPUB; EPO; JPO	2004/09/17 15:24
92	1	4,494,235.pn.	USPAT; US-PGPUB; EPO; JPO	2004/09/17 15:45
93	106	external adj2 (cavity or resonator) and (movable or moveable or adjustable or alignable or rotat\$4) near2 grating and lens with output	USPAT; US-PGPUB; EPO; JPO	2004/09/17 15:46
94	87	external adj2 (cavity or resonator) and (movable or moveable or adjustable or alignable or rotat\$4) near2 grating and lens with fiber	USPAT; US-PGPUB; EPO; JPO	2004/09/17 15:49
95	39	external adj2 (cavity or resonator) and (movable or moveable or adjustable or alignable or rotat\$4) near2 grating and laser near2 array	USPAT; US-PGPUB; EPO; JPO	2004/09/17 16:37
96	1	6236666.pn.	USPAT; US-PGPUB; EPO; JPO	2004/09/17 16:38

	Hits	Search Text	DBs	Time Stamp
97	26	laser near2 array same (movable or moveable or adjustable or alignable or rotat\$4) near4 prism	USPAT; US-PGPUB; EPO; JPO	2004/09/17 16:41
98	212	laser near2 array and (movable or moveable or adjustable or alignable or rotat\$4) near4 prism	USPAT; US-PGPUB; EPO; JPO	2004/09/17 16:42
99	31	(moveable or movable or adjustable or rotat\$4) near3 roof adj prism	USPAT; US-PGPUB; EPO; JPO	2004/09/17 16:45
100	0	(moveable or movable or adjustable or rotat\$4) near3 roofprism	USPAT; US-PGPUB; EPO; JPO	2004/09/17 16:44
101	0	laser near2 array and (moveable or movable or adjustable or rotat\$4) with roof adj prism	USPAT; US-PGPUB; EPO; JPO	2004/09/17 16:45
102	60	laser and (moveable or movable or adjustable or rotat\$4) with roof adj prism	USPAT; US-PGPUB; EPO; JPO	2004/09/17 16:46
103	46	laser and (moveable or movable or adjustable or rotat\$4) with roof adj prism and lens	USPAT; US-PGPUB; EPO; JPO	2004/09/17 16:46
104	16	laser and (moveable or movable or adjustable or rotat\$4) with roof adj prism and lens and fiber	USPAT; US-PGPUB; EPO; JPO	2004/09/17 16:49
105	18	laser and (moveable or movable or adjustable or rotat\$4) near5 roof adj prism	USPAT; US-PGPUB; EPO; JPO	2004/09/17 17:14